

# Texas Department of Public Safety Texas Division of Emergency Management

## Texas State Operations Center

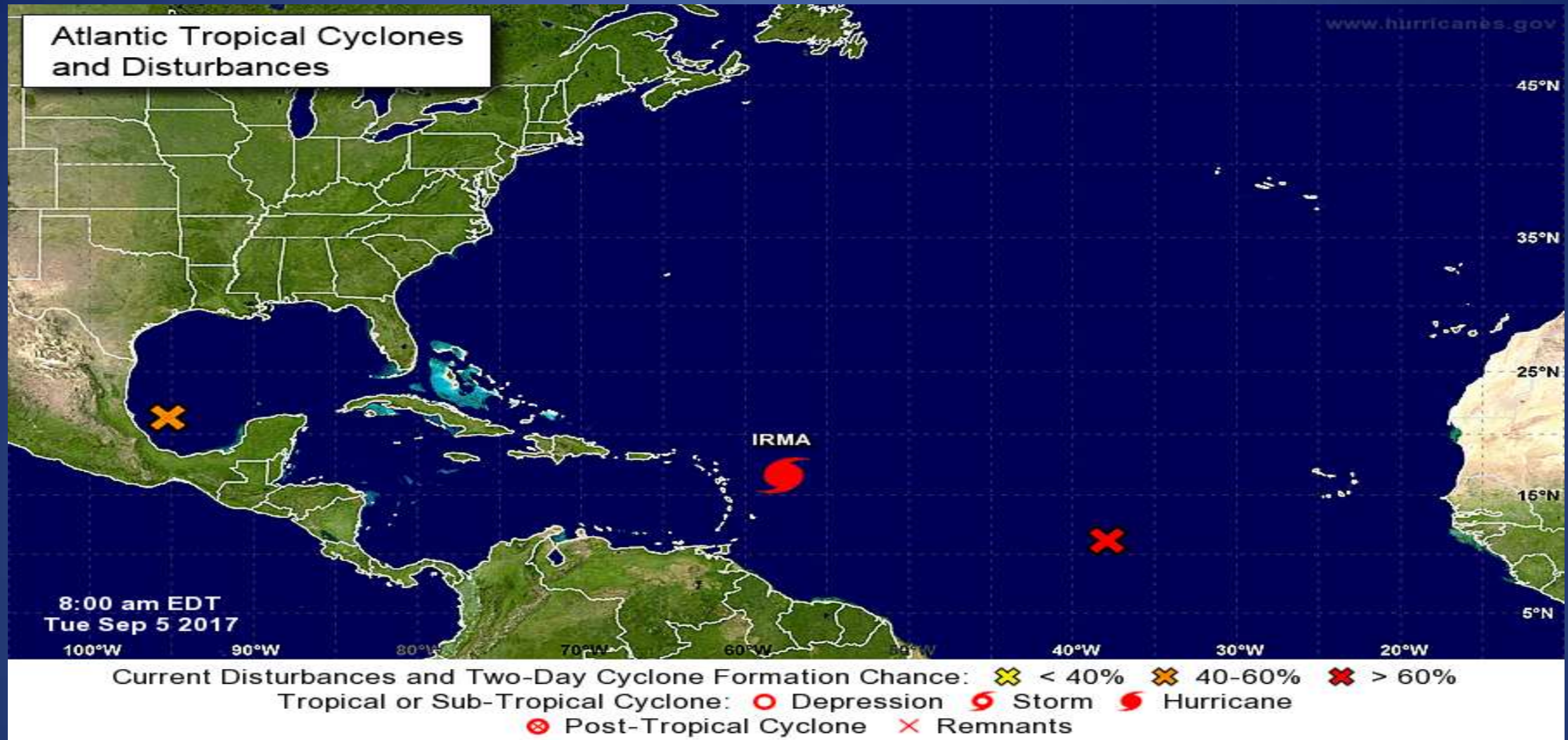


### Situation Awareness Brief



Tuesday, September 5<sup>th</sup> 2017  
As of 0900 CST

# Tropical Weather Awareness



The National Hurricane Center is issuing advisories on Hurricane Irma, located a couple hundred miles east of the Leeward Islands. Showers and thunderstorms associated with an area of low pressure located about 1000 miles west-southwest of the Cabo Verde Islands are gradually becoming better organized. Conditions appear conducive for continued development of this system. There is a high likelihood that a tropical depression or tropical storm will form within the next day or two while the disturbance moves west-northwestward at 10 to 15 mph over the tropical Atlantic Ocean. \* Formation chance through 48 hours...high...80 percent. \* Formation chance through 5 days...high...90 percent. A trough of low pressure located over the southwestern Gulf of Mexico is producing numerous showers and thunderstorms. Environmental conditions are conducive for gradual development, and this system is likely to become a tropical depression during the next couple of days while it meanders over the southwestern Gulf of Mexico. Regardless of development, heavy rains associated with this disturbance are likely over portions of eastern Mexico during the remainder of the week. \* Formation chance through 48 hours...medium...60 percent. \* Formation chance through 5 days...high...70 percent

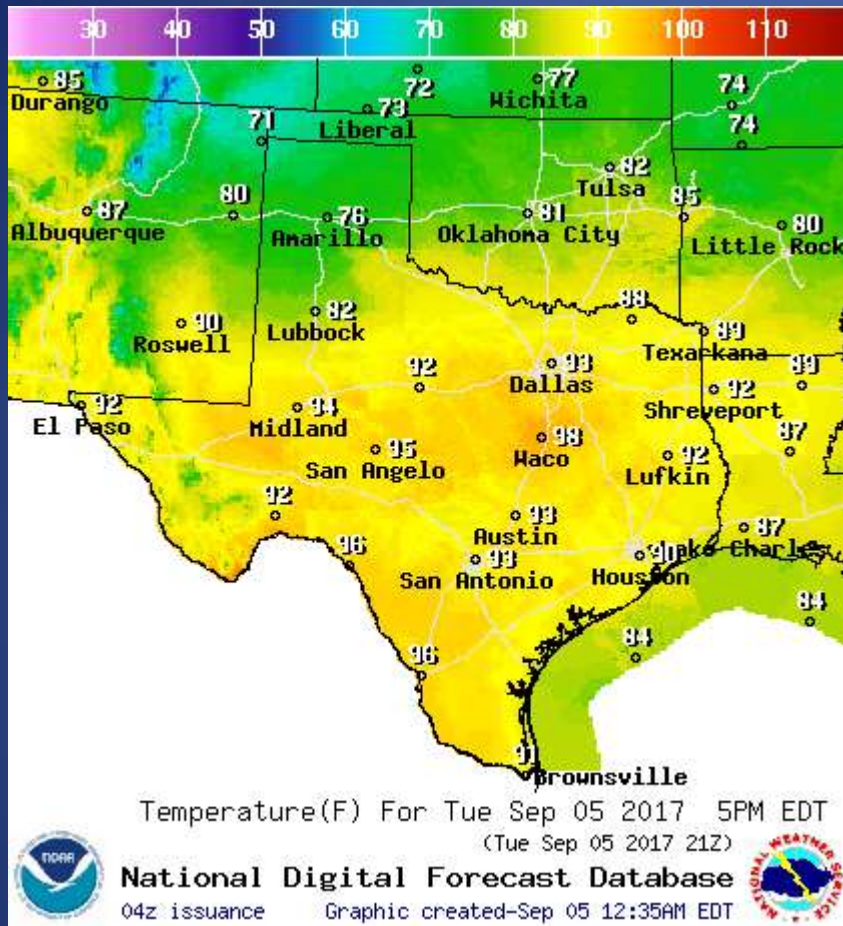
# Informational Products

## Distributed by the State Operations Center

DATE	SUBJECT
09/04/17	NWS Fort Worth- UPDATE: Strong Cold Front and Storms Late Tuesday/early Wednesday
09/04/17	Brazos River Flood Update 9/4 12:30 P.M.
09/04/17	Hurricane Harvey outage update as of 2:00 pm 090417
09/04/17	NWS Houston/Galveston- Update: Monitoring Gulf of Mexico for Possible Development, No Current Threat to Texas
09/04/17	NWS Lake Charles- River Update: 245 pm Mon 9.4.17
09/04/17	NWS Corpus Christi Hydrologic Statement for Copano Creek affecting Refugio County
09/04/17	NWS Corpus Christi Hydrologic Statement for Guadalupe River affecting Victoria County
09/05/17	NWS National Hurricane Center: Hurricane Irma Intermediate Advisory Number 23A
09/05/17	NHC Miami: Tropical Weather Outlook - Low Pressure Over Southwestern Gulf of Mexico
09/05/17	Daily NWS Threat Brief for Tuesday, September 5, 2017 for FEMA Region 6
09/05/17	FEMA Region VI Weather Threat Brief 090517



# Weather Forecast

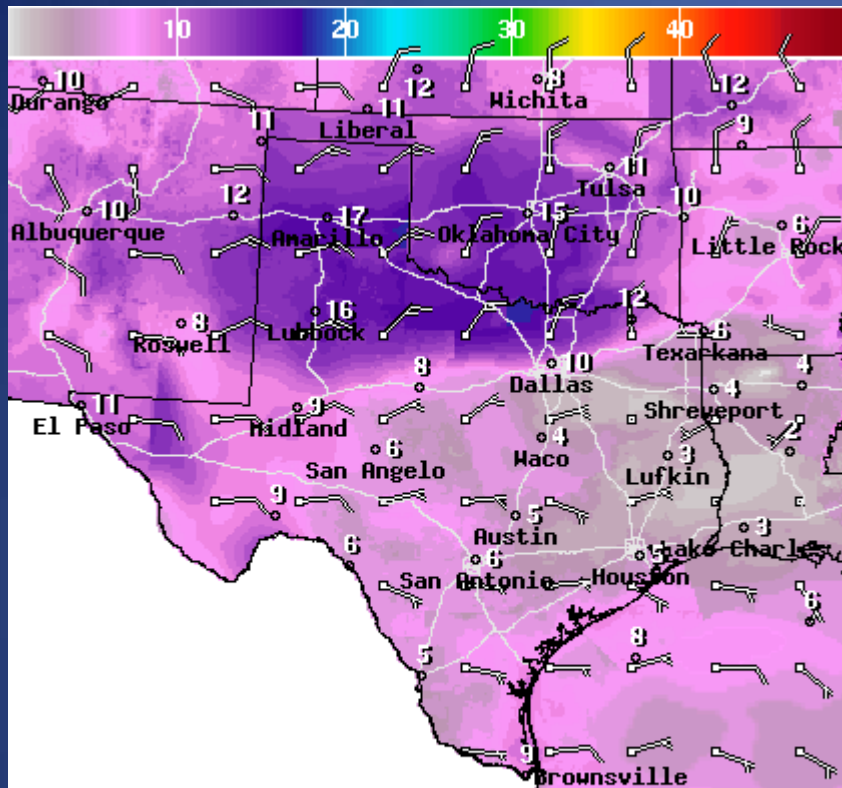


## Highs



## Lows

# Weather Forecast



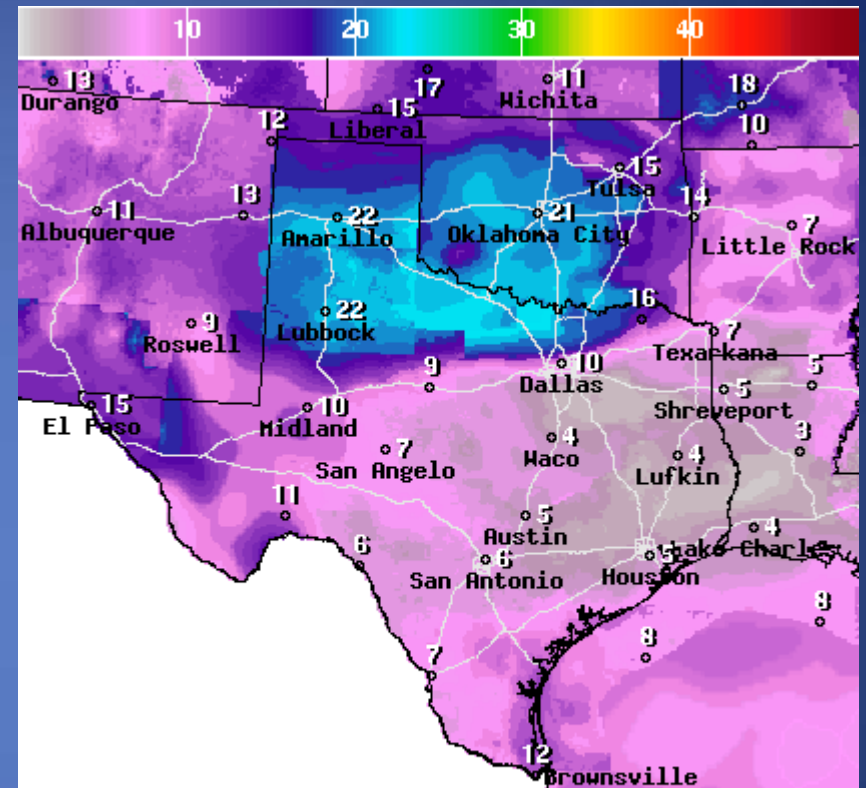
National Digital Forecast Database

04z issuance

Graphic created-Sep 05 12:50AM EDT



## Wind Speeds



National Digital Forecast Database

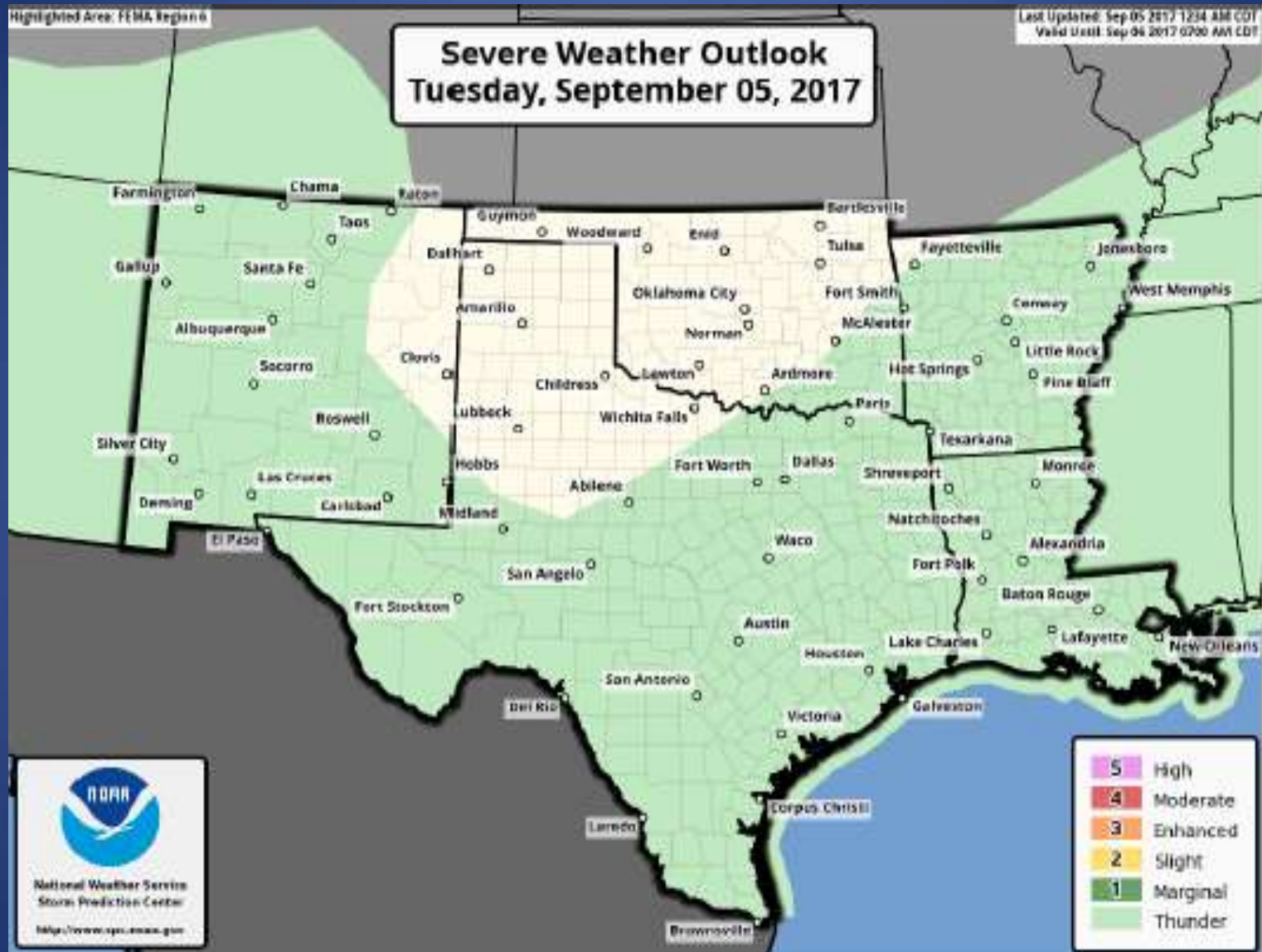
04z issuance

Graphic created-Sep 05 12:41AM EDT



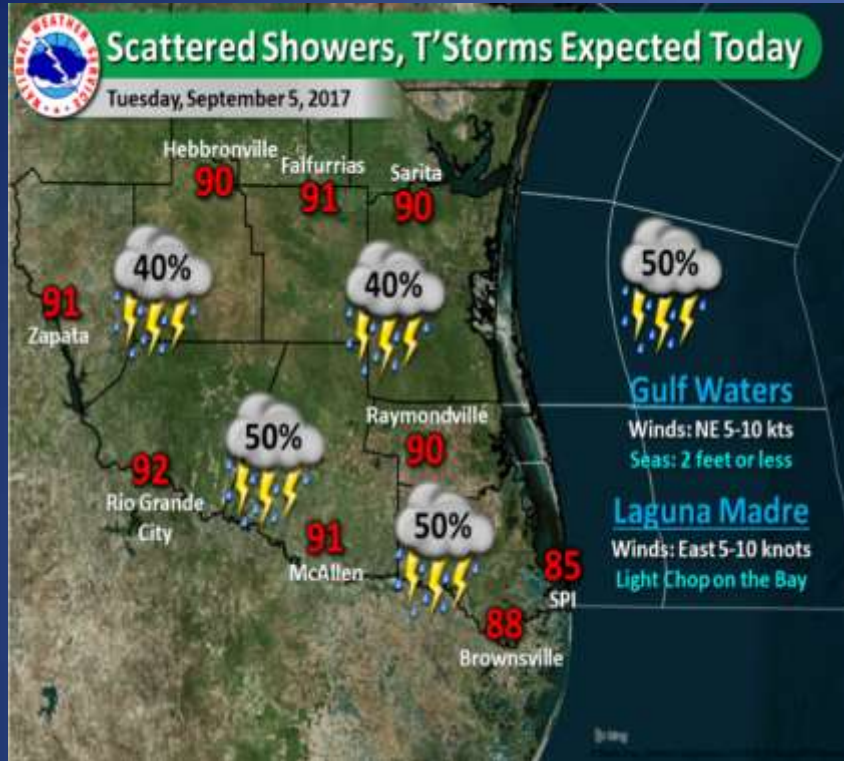
## Gusts

# Hazardous Weather





# Hazardous Weather



Scattered showers and isolated thunderstorms will be expected again today across portions of deep south Texas and the Rio Grande Valley as a result of continued deep tropical moisture and influence from an upper level trough of low pressure. Pockets of heavy rain could lead to localized urban flooding of low-lying areas at times. Temperatures across the region will rise into the upper 80s to lower 90s with mostly cloudy to overcast skies. For the mariners, expect a light chop across the bay and gulf seas of 2 feet or less. Locally higher seas are possible with any showers or thunderstorms.

When Will Major Flooding Recede?			
Post-Hurricane Harvey		West Gulf River Forecast Center	
Area	Waterway	Below Major Recession Date	Additional Info
Moss Bluff	Trinity River	Receded	Livingston reducing releases moving up recession time
Liberty	Trinity River	Today	Nearly below Major flood stage, moderate till Wednesday
Richmond	Brazos River	Today	Recession picking up speed
Boling	San Bernard River	Wednesday 9/6	Continued slow fall, has been receiving water from another river
Beaumont	Lower Neches	Thursday 9/7	Has crested, slow recession. Difficult due to no observations
Deweyville	Sabine River	Thursday 9/7	Upstream water working through now but still receding
Orange	Sabine River	Saturday 9/9	Crested at 7.8 feet and to remain steady thru Wednesday
Brazoria County	Brazos River	Saturday 9/9	West Columbia site moving water across basins to prevent rise
Houston	Buffalo Bayou	Until Further Notice	Dictated by releases from Addicks and Barker though is receding
Sweeney	San Bernard	Into next week	No page readings

9/4/2017 10:50 AM

www.weather.gov

# Weather Warning/Advisories Issued

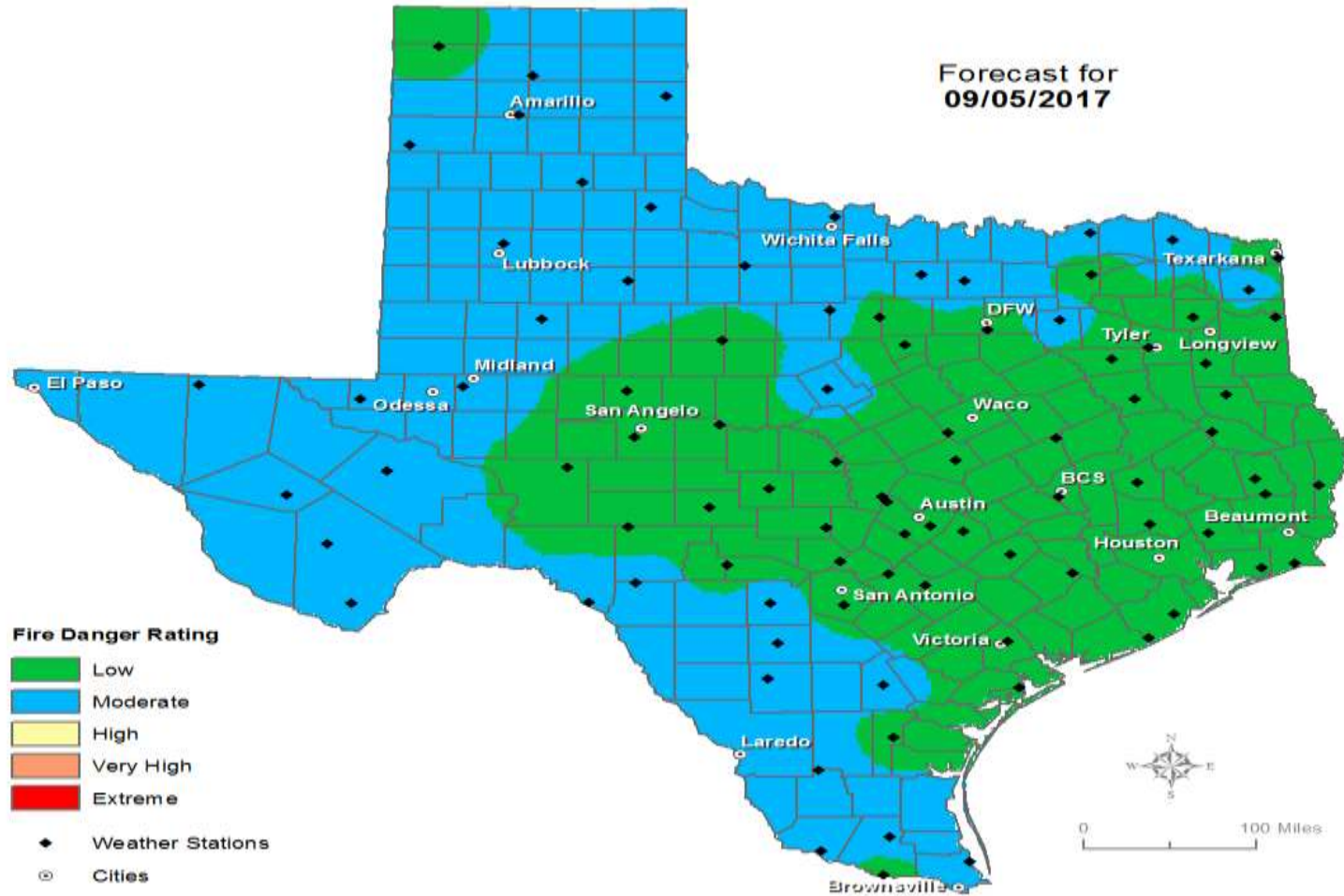
DATE	WARNING TYPE	LOCATION
09/04/17	Flood Warning	Fort Bend and Harris Counties
09/04/17	Flood Warning Extended	Neches River in Angelina and Tyler Counties
09/04/17	Flood Warning Continues	Brazos River in Brazoria and Fort Bend Counties; Guadalupe River in Calhoun, Refugio and Victoria Counties; Neches River in Angelina, Jasper, Jefferson and Tyler Counties; Pine Island Bayou in Hardin County; Sabine River in Newton and Orange Counties; Trinity River in Liberty County; Neches River at Rockland- Tyler County
09/04/17	Flood Warning Remains in Effect	Buffalo Bayou in Harris County



# Fire Danger Forecast

## Forecast Fire Danger

Forecast for  
09/05/2017

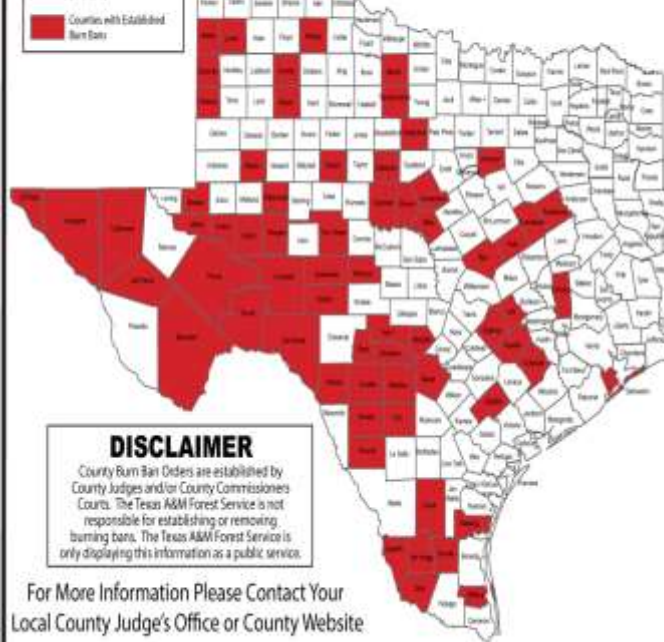


## OUTDOOR BURN BANS



TEXAS A&M  
FOREST SERVICE

 Counties without Established Burn Bans  
 Counties with Established Burn Bans



County Burn Ban Orders are established by County Judges and/or County Commissioners Courts. The Texas A&M Forest Service is not responsible for establishing or removing burning bans. The Texas A&M Forest Service is only displaying this information as a public service.

For More Information Please Contact Your  
Local County Judge's Office or County Website

RED FLAG WARNINGS: [www.weather.gov](http://www.weather.gov)

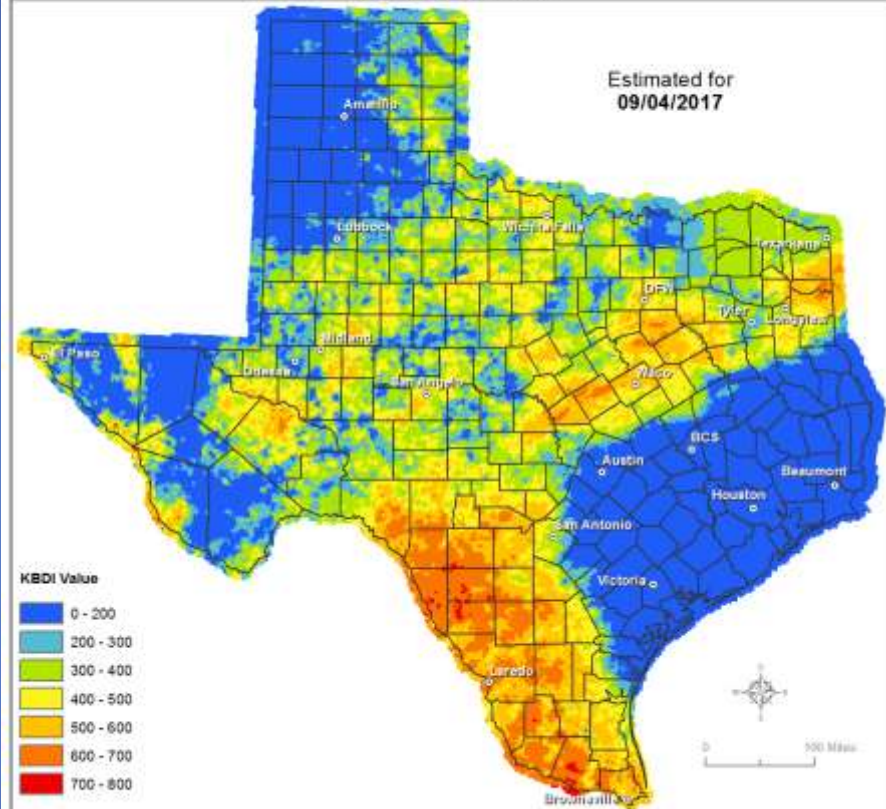
Burn Ban RSS feed available at <http://tfsfrp.tamu.edu/wildfires/BurnBan.xml>

Counties with Burn Bans: 66

Armstrong	Schwartz
Bailey	Starz
Bandiera	Stephens
Bishop	Suban
Bayler*	Tennell
Beil	Throckmorton
Beur	Tom Green
Brewster*	Upton
Brooks	Usalke
Brown	Val Verde
Calahan	Ward
Cochran	Wilacy
Coleman	Winkler*
Colorado	Yablum
Comanche	Zapata
Crane	Zwicko
Crockett	
Crosby	
Culberson	
DeWitt	
Dinnel	
Doual	
El Paso	
Falls	
Fayette	
Freestone	
Fris	
Gard	
Glasscock	
Grimm*	
Hudspeth	
Jeff Davis	
Jim Hogg	
Johnson*	
Kendall	
Kerr*	
Kimney	
Kieberg	
Lamb	
Lee	
Limestone	
Martin	
Medina	
Mercad	
Mills	
Mosley	
Nolan	
Pecos	
Reagan	
Real	

1. Effect Size is effect strength (Cohen's  $d$ )

Estimated for  
09/04/2017



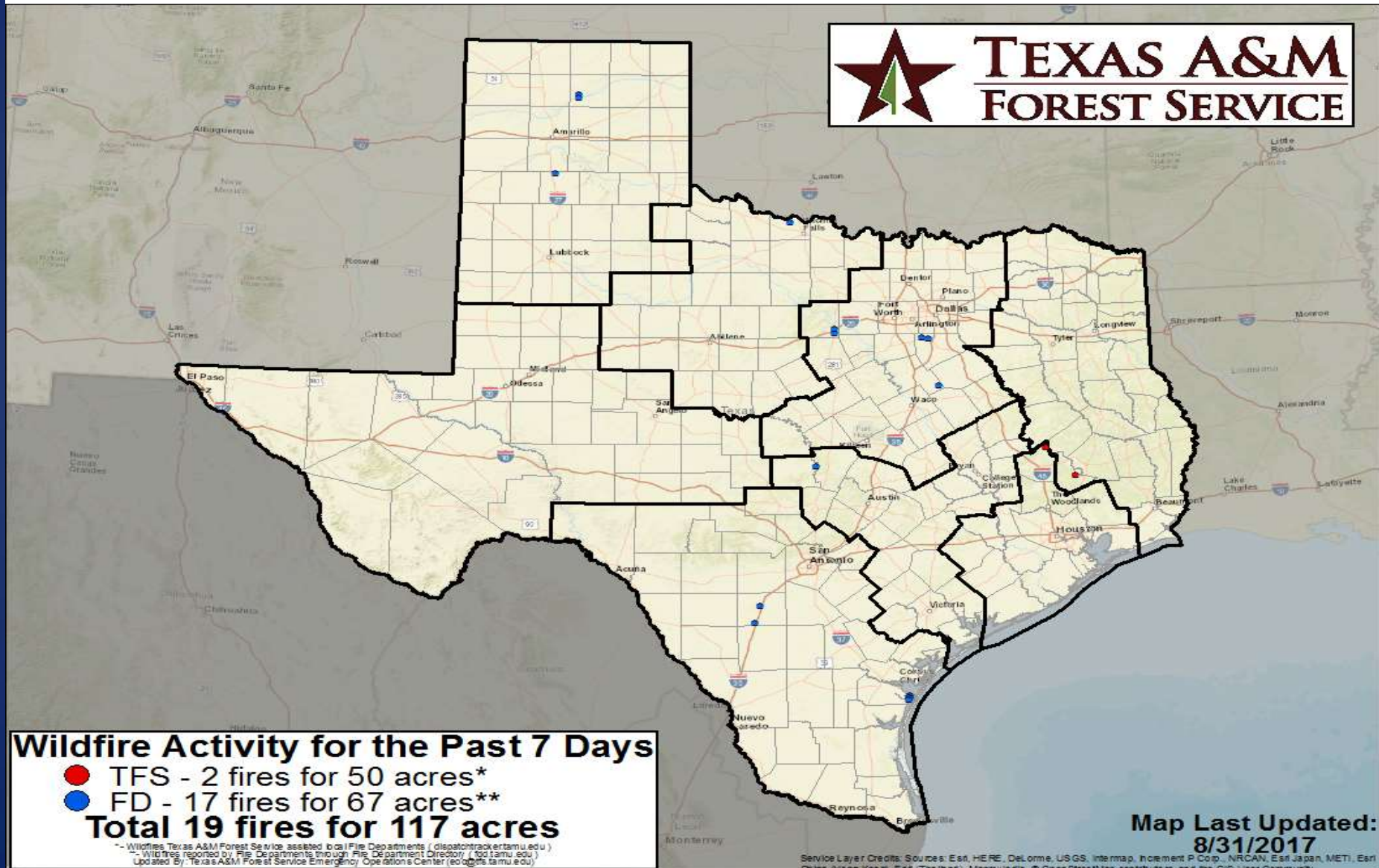
ATLANTA, GA  
**AGRI LIFE**  
RESEARCH





# Fire Activity (\*Last 24 Hours)

Reports 573 (+3) fires and 655,073 (+11) acres destroyed this year. There are 66 (no change) counties with burn bans. The Keetch-Byram Drought Index list 60 (+2) counties with an average over 400.





# Training

DATES		TITLE	COURSE	LOCATION
09/04/17	09/15/17	HazMat Technician – Texas Commission on Fire Protection (TCFP) Certification	H-500	Round Rock